

## **DETAILED ACTION**

### ***Allowable Subject Matter***

1. Claims 1-8 are allowed.
2. The following is an examiner's statement of reasons for allowance: Claims 1-8 recite specific features in which the prior art of record neither anticipates nor renders obviousness. The closest prior art relevant to applicant's claimed invention is Hwang et al. (US 20010026543) which teaches a system for CDMA which assigns common packet channels and controlling power for the mobile phone.
3. With respect to Claims 1, 7, and 8, Hwang et al. discloses a method for variable power adjustment in the CDMA communication system, where the base station (UTRAN) retrieves acquisition information through receiving on the uplink the prefix of the physical random access channel (Access Preamble, RACH, Paragraph 6), the access prefix of the physical common packet channel (AP of the CPCH, Paragraph 17 and 18) and the conflict detection prefix (collision detection preamble, Paragraph 19) and evaluating the quality (Paragraph 522); the precise control of the transmission power of the subsequent message section of the physical random access channel (power increased in RACH until message is received by UTRAN, Paragraph 8), conflict detection prefix of the physical common packet channel (UTRAN received CD\_P and sends back CD\_ICH used to control power, Paragraph 99 and 239), and the power control prefix (Power control Preamble, Paragraph 21), the message section are

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obtained based on the quality evaluation value (ACK or NACK, Paragraph 19); the control indication of the said precise control is transmitted via the down link acquisition indication channel (AICH, Paragraph 19), access prefix acquisition indication channel (AP\_AICH), and conflict detection/channel assignment indication channel (CD\_ICH); and after receiving the said power control indication by the user equipment (Paragraph 523), the subsequent message section of the physical random access channel (Paragraph 8), conflict detection prefix of the physical common packet channel (After AP\_AICH then MS transmits CD\_P, Paragraph 522), and the power control prefix (After CD\_ICH Mobile station transmits PC\_P, Paragraph 523), the message section are transmitted by using a value among a plurality of power bias values (Power level corresponding to the preamble to which the UTRAN has responded with the AICH signal, Paragraph 9).

4. However, Hwang et al. does not teach or render obvious the acquisition information being represented by a matrix containing at least two numbers, and a message section of the physical common packet channel being obtained based on quality evaluation values obtained from evaluating the quality or a format of the acquisition indication channel being a formula involving nine control indications.

5. With respect to claims 2-6 are allowed for being dependent on an allowed base claim.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably

accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to STEVEN LIM whose telephone number is (571)270-1210. The examiner can normally be reached on Mon-Thurs 9:00am-4:00pm EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Lester Kincaid can be reached on (571)272-7922. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/S. L./  
Examiner, Art Unit 2617

/Lester Kincaid/  
Supervisory Patent Examiner, Art Unit 2617